

# GRAYCARY

4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133  
www.graycary.com  
O] 858-677-1456  
F] 858-677-1465

November 24, 2003

**ATTORNEY DOCKET NO.: UCI1120-4**

Parent Application No.: 09/565,590

Parent Filing Date: May 4, 2000

Parent Inventors: K. George Chandy, J. Jay Gargus, George Gutman, Emmanuelle Fantino and Katarin Kalman

**Mail Stop PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a new **Continuation** patent application of:

**APPLICANTS : K. George Chandy, J. Jay Gargus, George Gutman, Emmanuelle Fantino and Katarin Kalman**

**TITLE : hKCa3/KCNN3 SMALL CONDUCTANCE CALCIUM ACTIVATED POTASSIUM CHANNEL: A DIAGNOSTIC MARKER AND THERAPEUTIC TARGET**

The prior application is assigned of record to **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, by virtue of an assignment submitted to the Patent and Trademark Office for recording on December 14, 1998, at Reel 9635, Frame 0629.

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

Pages of Cover Sheet	1
Pages of Specification	59
Pages of Claims	9
Pages of Abstract	1
Pages of Declaration (from Parent)	3
Sheets of Drawing	15

"EXPRESS MAIL" Mailing Label Number: **EV 318 740 076 US**  
Date of Deposit: November 24, 2003

I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**SAUL SOLANO**

(TYPED OR PRINTED NAME OF PERSON MAILING PAPER)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)



**GRAY CARY WARE & FREIDENRICH LLP**  
**ATTORNEY DOCKET NO.: UCI1120-4**  
**Mail Stop PATENT APPLICATION**  
November 24, 2003  
Page Two

This request includes Three (3) sheets and the following:

- Preliminary Amendment (8 pages);
- Information Disclosure Statement (2 pages);
  - Forms PTO-1449 (filed in parent application) (4 pages);
  - Forms PTO-892 (filed in parent application) (3 pages);
- Request for Transfer of Computer Readable Form (2 pages);
- Sequence Listing (9 pages);
- Check No. 548271 in the amount of \$942.00; and
- Return Receipt Postcard.

Under 35 USC § 120, this application is a **continuation** application of U.S. Application Serial No. 09/565,590 filed May 4, 2000, now issued as U.S. patent 6,653,100; which is a divisional application of U.S. Application Serial No. 09/115,446 filed July 14, 1998, now issued as U.S. patent 6,165,719; which claims the benefit under 35 USC § 119(e) of U.S. Application Serial Nos. 60/070,741 filed January 8, 1998 and 60/052,556 filed July 15, 1997, both now abandoned. The disclosure of each of the prior applications is considered part of and is incorporated by reference in the disclosure of this application.

Applicants claim **LARGE ENTITY** status in the above-identified application.

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Large Entity		Small Entity	Large Entity
Total Claims	8-20	=	0	X	\$09	\$18	=	\$ .00	\$ .00 --
Independent Claims	5-3	=	0	X	\$43	\$86	=	\$ .00	\$ 172.00
Multiple Dependent Claims Presented: ___ Yes <u>X</u> No					\$145	\$290		\$ ---	\$ ---
					BASIC FEE			\$ 385.00	\$ 770.00
					TOTAL FEE				\$ 942.00

**GRAY CARY WARE & FREIDENRICH LLP**  
**ATTORNEY DOCKET NO.: UCI1120-4**  
**Mail Stop PATENT APPLICATION**  
November 24, 2003  
Page Three

Enclosed is Check No. 548271 in the total amount of \$942.00; which consists of \$770.00 for the filing fee and \$172.00 for the fee for Two (2) independent claims in excess of 3 independent claims. The Commissioner is hereby authorized to charge any additional fees associated with the filing submitted herewith, or credit any overpayment, to Deposit Account 50-1355, referencing the Attorney Docket number shown above. A duplicate copy of this transmittal letter is attached.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

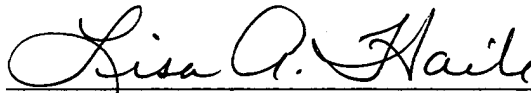
Lisa A. Haile, J.D., Ph.D.  
**GRAY CARY WARE & FREIDENRICH LLP**  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

Respectfully submitted,

**GRAY CARY WARE & FREIDENRICH LLP**

November 24, 2003

Date



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

Telephone: (858) 577-1456

Facsimile: (858) 677-1465

**USPTO CUSTOMER NUMBER 28213**

LAH:ag  
Enclosures